

Terminal Tractor: On-Road Certified Engines Only  
5-Year Activity Life

Use the Column corresponding to the Horsepower Range and Emissions Model Year of the engine being replaced  
Use the Row corresponding to the Certified NO<sub>x</sub> Emissions Standard or Family Emissions Limit (FEL) of the replacement engine (if between the numbers listed, use the higher rate).

Replacement Engine Emissions Standard or FEL (g/bhp-hr)	Engine Being Replaced - <i>Horsepower Range</i> and <i>Emissions Model Year</i>								
	100 - 174								
	pre-1989	1990	1991-1997	1998-2003	2004-2006	2007+	2007+	2007+	2007+
	10.700	6.000	5.000	4.000	2.375	2.375	1.500	0.500	0.200
7.200	\$17,143								
6.900	\$18,612								
6.745	\$19,371								
5.320	\$26,351								
4.655	\$29,608								
4.560	\$30,073								
3.325	\$36,122	\$13,102	\$8,204						
2.850	\$38,448	\$15,428	\$10,530	\$5,633					
2.500	\$40,163	\$17,143	\$12,245	\$7,347					
2.000	\$42,612	\$19,592	\$14,694	\$9,796					
1.500	\$45,061	\$22,040	\$17,143	\$12,245	\$4,286	\$4,286			
1.000	\$47,510	\$24,489	\$19,592	\$14,694	\$6,735	\$6,735	\$2,449		
0.300	\$50,938	\$27,918	\$23,020	\$18,122	\$10,163	\$10,163	\$5,877	\$980	
0.000	\$52,407	\$29,387	\$24,489	\$19,592	\$11,632	\$11,632	\$7,347	\$2,449	\$980

Replacement Engine Emissions Standard or FEL (g/bhp-hr)	Engine Being Replaced - <i>Horsepower Range</i> and <i>Emissions Model Year</i>								
	175 - 299								
	pre-1989	1990	1991-1997	1998-2003	2004-2006	2007+	2007+	2007+	2007+
	10.700	6.000	5.000	4.000	2.375	2.375	1.500	0.500	0.200
7.200	\$29,655								
6.900	\$32,197								
6.745	\$33,511								
5.320	\$45,585								
4.655	\$51,219								
4.560	\$52,024								
3.325	\$62,488	\$22,665	\$14,192						
2.850	\$66,513	\$26,690	\$18,217	\$9,744					
2.500	\$69,479	\$29,655	\$21,182	\$12,709					
2.000	\$73,715	\$33,892	\$25,419	\$16,946					
1.500	\$77,951	\$38,128	\$29,655	\$21,182	\$7,414	\$7,414			
1.000	\$82,188	\$42,365	\$33,892	\$25,419	\$11,650	\$11,650	\$4,236		
0.300	\$88,119	\$48,296	\$39,823	\$31,350	\$17,581	\$17,581	\$10,168	\$1,695	
0.000	\$90,661	\$50,838	\$42,365	\$33,892	\$20,123	\$20,123	\$12,709	\$4,236	\$1,695

Replacement Engine Emissions Standard or FEL (g/bhp-hr)	Engine Being Replaced - <i>Horsepower Range</i> and <i>Emissions Model Year</i>								
	300-400								
	pre-1989	1990	1991-1997	1998-2003	2004-2006	2007+	2007+	2007+	2007+
	10.700	6.000	5.000	4.000	2.375	2.375	1.500	0.500	0.200
7.200	\$43,795								
6.900	\$47,549								
6.745	\$49,488								
5.320	\$67,319								
4.655	\$75,640								
4.560	\$76,829								
3.325	\$92,282	\$33,472	\$20,959						
2.850	\$98,226	\$39,415	\$26,903	\$14,390					
2.500	\$102,605	\$43,795	\$31,282	\$18,769					
2.000	\$108,862	\$50,051	\$37,539	\$25,026					
1.500	\$115,118	\$56,308	\$43,795	\$31,282	\$10,949	\$10,949			
1.000	\$121,375	\$62,564	\$50,051	\$37,539	\$17,205	\$17,205	\$6,256		
0.300	\$130,134	\$71,323	\$58,810	\$46,298	\$25,964	\$25,964	\$15,015	\$2,503	
0.000	\$133,888	\$75,077	\$62,564	\$50,051	\$29,718	\$29,718	\$18,769	\$6,256	\$2,503